



Full wwPDB EM Map Validation Report ⓘ

Dec 9, 2020 – 01:11 pm GMT

EMDB ID : EMD-7487
Title : The tether and tether head complex and I1 dynein complex region extracted from the cryo-electron tomography and subtomographic average (1711 axonemal repeats) of isolated Chlamydomonas fap43 mutant cilia (axonemal repeats missing the tether and tether head complex were not included)
Authors : , Fu.G.; , Wang.Q.; , Phan.N.; , Urbanska.P.; , Joachimiak.E.; , Lin.J.; , Wloga.D.; , Nicastro.D.
Deposited on : 2018-03-01
Resolution : 37.00 Å(reported)

This is a Full wwPDB EM Map Validation Report for a publicly released PDB entry.

We welcome your comments at validation@mail.wwpdb.org

A user guide is available at

<https://www.wwpdb.org/validation/2017/EMMapValidationReportHelp>

with specific help available everywhere you see the ⓘ symbol.

The following versions of software and data (see [references ⓘ](#)) were used in the production of this report:

EMDB validation analysis : **FAILED**
Validation Pipeline (wwPDB-VP) : 2.13

1 Experimental information

Property	Value	Source
EM reconstruction method	tomography	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	780	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	Not provided	Depositor
Microscope	FEI TECNAI F30	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	1.5	Depositor
Minimum defocus (nm)	6.0	Depositor
Maximum defocus (nm)	8.0	Depositor
Magnification	13500.	Depositor
Image detector	GATAN ULTRASCAN 1000 (2k x 2k)	Depositor